

# Manhole Inspection Summary

Manhole # S05YY\_005MH

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**Inspection** ☐ Is Incomplete Rating: **2) Good**

Record Plat: **05YY** Node: **005** Status: **Found**

Insp Date: **2/6/08 2:54 PM**

Incomplete Comments

Crew: **SV WJ**  
Inspector: **Vitlin**  
Firm: **URS**

**Location** Address: **3906 LIBERTY HEIGHTS AVE** Cross Street: **BERWYN AVE**

**Manhole** Type: **Inline** Location: **Sidewalk** Ground Conditions: **Wet**  
☐ Prev. Rehab Weather: **Light Rain** Subject To Ponding: **Sheeting**

Comments

**Cover** Shape: **Circular** Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame** Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment** ☐ Exists Material: ☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel** Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel** Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **48** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench** ☒ Exists Material: **Brick** ☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel** Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

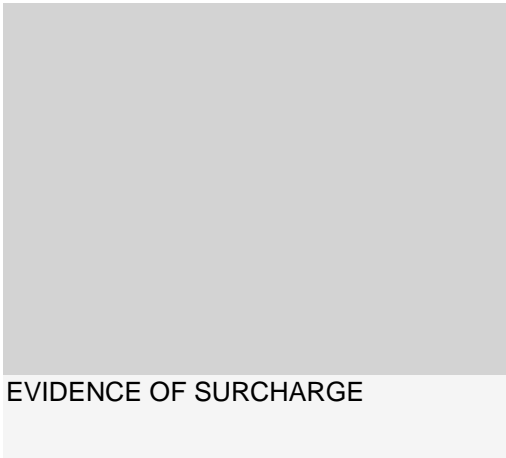
**Steps** Count: **3** Missing: **0** ☐ Corroded

**Surcharge** ☒ **Evidence Of Surcharge** Depth: **4** (ft.) ☐ Active Surcharge Present

Location View



Top View



EVIDENCE OF SURCHARGE

Defect 1



MISSING BRICK AT CONE

## Manhole Inspection Summary

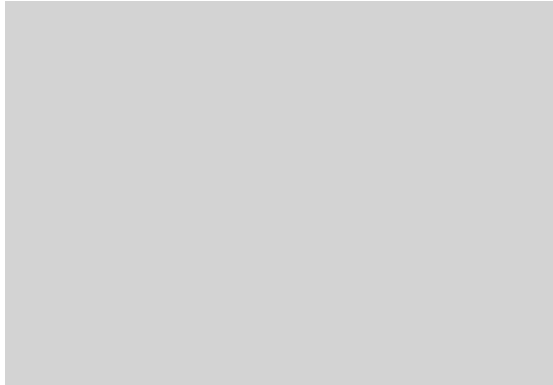
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8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



BROKEN PIPE SEAL

Pipe Height: **8.4** (in.) Rod Only

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **6.60** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Broken**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer  
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Drop In @ 6 O'Clock



CHANNEL DEBRIS

Pipe Height: **8.4** (in.) Rod Only

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **4.30** (ft.) Flow Characteristics: **None**

Deposits: ☐ None ☒ **Mud** ☐ Sludge ☒ **Debris** ☐ Grease

Silt Depth: **4** (in.) Deposits Extent: **Heavy**

Infiltration: **None** Pipe Seal Cond: **Unknown**

Drop: **Outside Rod Only**

Angled: Reading: **6.45** (ft.)

Inv Depth: **6.45** (ft.)

Drop Condition: **Open**

Connects To: **Dead End**

☐ Possible Illicit Connection

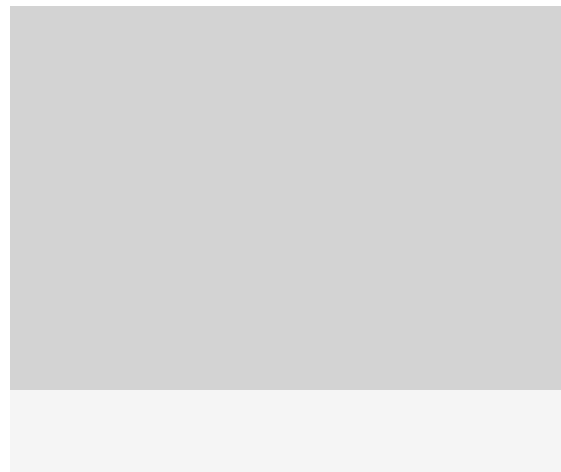
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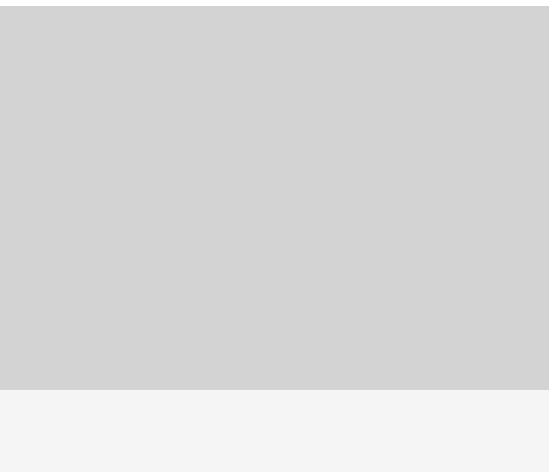
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6 in. Circular Gravity Sewer  
Pipe In @ 7 O'Clock



7 O'Clock Inflow  
Drop In @ 7 O'Clock



Pipe Height: **9.6** (in.) Rod Only (Angled)  
Pipe Material: **Clay** ☐ Pipe Lined  
Invert Depth: **4.35** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: <b>Inside</b>	<b>Rod Only</b>
Angled:	Reading: <b>6.30</b> (ft.)
	Inv Depth: <b>7.30</b> (ft.)
Drop Condition: <b>Open</b>	

Connects To: **House connection / Service line**  
☐ Possible Illicit Connection